

APRIL/MAY 2023

CSC 61 — OPEN SOURCE SOFTWARE

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define objectives of open source software.
2. What is open source system?
3. Slate the definition of license in OSS.
4. List out the types of licensing in OSS.
5. What is open infrastructure?
6. What is public archive in GitHub?
7. Which is open-source operating system?
8. List out the two types of operating systems.
9. Define open source databases.
10. What are the three types of database?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain about features of open source software.

Or

- (b) Discuss the most used open source components.

12. (a) Why OSS licenses is needed? Describe it.

Or

- (b) Illustrate advantages and disadvantages of commercial software.

13. (a) How to archive and reference the source code? Explain it.

Or

- (b) Explain repository management.

14. (a) Explain the best open source operating system.

Or

- (b) Demonstrate the advantages of open source OS.

15. (a) Illustrate the types of database.

Or

- (b) What are the operations that sql statement can instruct the server? Explain it.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the types of open source software.

17. Illustrate the intellectual property issues related to OSS.

18. Describe the best bug tracking software.

19. Explain the shell in open source OS

20. Discuss the advantages of mysql.